

FORM PTO-1449		DOCKET NUMBER FGT 223		APPLICATION NUMBER 10/805,638			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S) Donald J. Lewis et al					
		FILING DATE March 19, 2004		GROUP ART UNIT 3747			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
rr	4,779,528	10-25-88	Bruke	100	117		
rr	4,926,823	5-22-90	Kishi et al	123	432		
rr	4,962,741	10-16-90	Cook et al	123	673		
rr	5,236,332	8-17-93	Satou et al	123	90.15		
rr	5,280,770	1-25-94	Satou et al	123	90.15		
rr	5,422,811	6-6-95	Togai	701	105		
rr	5,515,828	5-14-96	Cook et al	123	436		
rr	5,548,514	8-20-96	Hasegawa et al	701	103		
rr	5,600,056	2-4-97	Hasegawa et al	73	23.32		
rr	5,647,312	7-15-97	Salber et al	123	90.11		
rr	5,669,341	9-23-97	Ushirono et al	123	90.11		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
rr	S55-49549	4-10-80	JP	—	—		
rr	S55-29002	3-1-80	JP	—	—		
rr	1 054 148	5-18-00	EP	—	—		
OTHER DOCUMENTS							
rr	RONALD J. PIERIK et al, "Design and Development of a Mechanical Variable Valve Actuation System", SAE Technical Paper No. 2001-01-1221, March 6-9, 2000, pp. 1-8						
rr	MARTIN PISCHINGER et al, "Benefits of the Electromechanical Valve Train in Vehicle Operation", SAE Technical Paper No. 2000-01-1223, March 6-9, 2000, pp. 1-11						
an	M.J. VAN NIEUWSTADT et al, "Air Change Estimation in Camless Engines", SAE Technical Paper No. 2001-01-0581, March 5-8, 2001, pp. 1-8						
EXAMINER Willis Wolfe			DATE CONSIDERED 9-9-05				

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LL	5,678,402	10-21-97	Kitagawa et al	60	276		
LL	5,743,221	4-28-98	Schmitz	123	90.11		
LL	5,746,183	5-5-98	Parke et al	123	492		
LL	5,765,514	6-16-98	Sono et al	123	90.11		
LL	5,950,603	9-14-99	Cook et al	123	520		
LL	6,000,376	12-14-99	Hess et al	123	333		
LL	6,023,929	2-15-00	Ma	60	295		
LL	6,039,026	5-21-00	Shiraishi et al	123	399		
LL	6,098,585	8-8-00	Brehob et al	123	179.5		
LL	6,116,210	9-12-00	Oder et al	123	305		
LL	6,138,636	10-31-00	Kohno et al	123	198.F		
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LL	LUCIEN KOOPMANS et al, "A four Stroke Camless Engine, Operated in Homogeneous Charge Compression Ignition Mode with Commercial Gasoline", SAE Technical Paper No. 2001-01-3610, September 24-27, 2001, pp. 1-14						
LL	WOLFGANG SALBER et al, "Synergies of Variable Valve Actuation and Direct Injection", SAE Technical Paper No. 2002-01-0706, March 4-7, 2002, pp. 1-9						
LL	"Operation of the Electronic Valve Actuation, Ford EVA Project Closed Loop Engine, System Control", Manual - Preliminary Version III, March 21, 2003, and in particular pp. 6, 72, 80-84, 89-95, 104-119, and 134-218						
EXAMINER Willis Wolfe			DATE CONSIDERED 9-9-05				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
LL	6,219,611	4-17-01	Russell	701	105		
LL	6,247,445	6-19-01	Langer	123	305		
LL	6,276,316	8-21-01	Arai et al	123	90.11		
LL	6,332,446	12-25-01	Matsumoto et al	123	198.F		
LL	6,336,355	1-8-02	Sasaki et al	73	35.08		
LL	6,341,584	1-29-02	Itoyama et al	123	90.11		
LL	6,349,541	2-26-02	Gruden et al	60	312		
LL	6,374,813	4-23-02	Iida et al	123	568.H		
LL	6,386,156	5-14-02	Stockhausen et al	123	90.15		
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LL	6,408,806	6-25-02	Sugiyama et al	123	90.15		
FOREIGN PATENT DOCUMENTS							
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Willis Wolfe			9-9-05				

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
LL	2002/0096139	7-25-02	Zheng	123	198F	
LL	6,425,369	7-30-02	Arai et al	123	348	
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LL	6,457,465	10-1-02	Lee	123	643	
LL	6,474,303	11-5-02	Leone et al	123	432	
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LL	6,481,201	11-19-02	Kako et al	60	285	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			
William Wolfe			9-9-05			

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ll	6,484,677	11-26-02	Leone et al	123	90.15		
ll	6,470,853	11-29-02	Leone et al	123	399		
ll	6,497,093	12-24-02	Lewis et al	60	277		
ll	6,502,389	1-7-03	Katayama et al	60	285		
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ll	6,557,505	5-6-03	Hori	123	90.11		
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EXAMINER Willie Willie			DATE CONSIDERED 9-9-05				

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INFORMATION DISCLOSURE
CITATION IN AN APPLICATION

DOCKET NUMBER

APPLICATION NUMBER

10/805,638

APPLICANT(S)

Donald J. Lewis et al

FILING DATE

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GROUP ART UNIT

3747

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<u>WJ</u>	<u>6,619,262</u>	<u>9-16-03</u>	<u>Graf et al</u>	<u>123</u>	<u>435</u>	
<u>WJ</u>	<u>6,629,409</u>	<u>10-7-03</u>	<u>Lewis et al</u>	<u>60</u>	<u>285</u>	
<u>WJ</u>	<u>6,640,756</u>	<u>11-4-03</u>	<u>Ogiso</u>	<u>123</u>	<u>435</u>	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS

EXAMINER

William Wolfe

DATE CONSIDERED

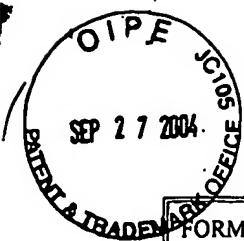
9-9-05

SHEET 1 OF 1

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100234		APPLICATION NUMBER 10/805,638		
		APPLICANT(S) Donald J. Lewis et al				
		FILING DATE March 19, 2004		GROUP ART UNIT 3747		
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22	6,192,857	2-27-01	Shimada	123	322	
22	6,202,608	3-20-01	Yamaki et al	123	90.11	
22	6,374,783	4-23-02	Toriumi	123	90.11	
22	6,389,806	5-21-02	Glugla et al	60	284	
22	6,415,601	7-9-02	Glugla et al	60	284	
22	6,553,961	4-29-03	Hammoud et al	123	308	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	Wills, Wolk			DATE CONSIDERED 9-9-05		

SHEET 1 OF 2

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100234		APPLICATION NUMBER 10/805,638		
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
22	10/805,636	3-19-2004	Lewis et al.	—	—	
22	10/805,639	3-19-2004	Lewis et al.	—	—	
22	10/805,657	3-19-2004	Lewis et al.	—	—	
22	10/805,625	3-19-2004	Lewis et al.	—	—	
22	10/805,613	3-19-2004	Lewis	—	—	
22	10/805,575	3-19-2004	Lewis et al.	—	—	
22	10/805,611	3-19-2004	Michelini et al.	—	—	
22	10/805,637	3-19-2004	Lewis et al.	—	—	
22	10/805,651	3-19-2004	Lewis et al.	—	—	
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22	10/805,648	3-19-2004	Lewis et al.	—	—	
22	10/805,654	3-19-2004	Lewis et al.	—	—	
22	10/805,642	3-19-2004	Lewis et al.	—	—	
22	10/805,607	3-19-2004	Lewis et al.	—	—	
22	10/805,573	3-19-2004	Lewis et al.	—	—	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER William Wolke			DATE CONSIDERED 9-9-05			



SHEET 2 OF 2

FORM PTO-1449			DOCKET NUMBER 81100234		APPLICATION NUMBER 10/805,638	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT(S) Lewis et al.			
			FILING DATE March 19, 2004		GROUP ART UNIT 3747	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
22	10/805,635	3-19-2004	Lewis et al.	—	—	
22	10/805,615	3-19-2004	Michelini et al.	—	—	
22	10/805,626	3-19-2004	Gibson et al.	—	—	
22	10/805,644	3-19-2004	Winstead et al.	—	—	
22	10/805,612	3-19-2004	Lewis et al.	—	—	
22	10/805,606	3-19-2004	Lewis et al.	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER William Wolke			DATE CONSIDERED 9-9-05			



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/805,638
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3747
Examiner Name	W. Wolfe
Attorney Docket Number	81100234

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
nn		US- 3828247	08-06-1974	Kirsch et al.	
nn		US- 3865088	02-11-1975	Links	
nn		US- 4009695	03-01-1977	Ule	
nn		US- 4976228	12-11-1990	Kawamura	
nn		US- 4990854	02-05-1991	Friz	
nn		US- 5117790	06-02-1992	Clarke et al.	
nn		US- 5190013	03-02-1993	Dozier	
nn		US- 5408958	04-25-1995	Esch et al.	
nn		US- 5442515	08-15-1995	Wallaert	
nn		US- 5596956	01-28-1997	Ogawa et al.	
nn		US- 5617829	04-08-1997	Bidner et al.	
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nn		US- 5992153	11-30-1999	Tsuchihashi et al.	
nn		US- 6050231	04-18-2000	Tisch et al.	
nn		US- 6062186	05-16-2000	Barnes et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Willis Wolfe

Date
Considered

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>		<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/805,638</td> </tr> <tr> <td>Filing Date</td> <td>March 19, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Donald J. Lewis</td> </tr> <tr> <td>Art Unit</td> <td>3747</td> </tr> <tr> <td>Examiner Name</td> <td>W. Wolfe</td> </tr> <tr> <td>Attorney Docket Number</td> <td>81100234</td> </tr> </table>		Application Number	10/805,638	Filing Date	March 19, 2004	First Named Inventor	Donald J. Lewis	Art Unit	3747	Examiner Name	W. Wolfe	Attorney Docket Number	81100234
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U. S. PATENT DOCUMENTS					
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ll		US- 6178934	01-30-2001	Hirasawa et al.	
ll		US- 6192857	02-27-2001	Shimada	
ll		US- 6202600	03-20-2001	Yamaki et al.	
ll		US- 6216652	04-17-2001	Gramann et al.	
ll		US- 6332445	12-25-2001	Voss et al.	
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ll		US- 6363907	04-02-2002	Arai et al.	
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				

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Sheet 3 of 5**Complete if Known**

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First Named Inventor	Donald J. Lewis
Art Unit	3747
Examiner Name	W. Wolfe
Attorney Docket Number	81100234

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		Number-Kind Code ² (if known)			
W		US- 6546910	04-15-2003	Tanaka et al.	
W		US- 6550240	04-22-2003	Kolmanovsky et al.	
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Sheet 4 of 5

Application Number	10/805,638
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3747
Examiner Name	W. Wolfe
Attorney Docket Number	81100234

[illegible][illegible]

**Examiner
Signature**

Will. Wolfe

Date	
Considered	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/805,638		
		Filing Date	March 19, 2004		
		First Named Inventor	Donald J. Lewis		
		Art Unit	3747		
		Examiner Name	W. Wolfe		
Sheet	5	of	5	Attorney Docket Number	81100234

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
22		KLUTING, FLIERL, GRUDNO and LUTTERMANN; MTZ Magazine, August 1999, "Drosselfreie Laststeuerung mit vollvariablen Ventiltrieben"	✓

Examiner Signature	W. Wolfe	Date Considered	9-9-05
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